

File management system for e.g. magnetic disc unit, has unused continuous area table that registers unused continuous areas secured on user program which requires file
Patent Assignee: NEC CORP

Patent Family

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Patent Details

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Abstract:

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NOVELTY Before storing data in the file in a disc apparatus, the size of the area which is needed for a file is determined. An unused continuous area table (12) registers the unused continuous areas secured on a user program (1) which requires a file. By referring to the table, the unused continuous area which can secure a file of desired size is determined and is made to secure in the disc apparatus.

DETAILED DESCRIPTION Using the unused continuous area as a file, the unused continuous area is deleted from the table. A file area processor stores the secured file data to the user program.

USE For managing e.g. operation file in e.g. magnetic disc unit.

ADVANTAGE Reduces disc access time since continuous distribution of file can be performed, thus prolonging use life of disk head.

DESCRIPTION OF DRAWING(S) The figure shows a block diagram of the file management system.

User program (1)

Unused continuous area table (12)

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